

SERVICE INSTALLATION CHECKLIST

Unless otherwise noted, all code references are to 49CFR Part 192.

If an item is marked Unsatisfactory, Not Applicable, or Not Checked, an explanation must be included in this report.

Operator: AMEREN ILLINOIS COMPANY	Operator ID#: 32513
Inspection Date(s): 2/25/2014, 2/26/2014, 2/27/2014	Man Days: 3
Inspection Unit: Belleville/E. St. Louis	
Location of Audit: Belleville	
Exit Meeting Contact:	
Inspection Type: Design Testing and Construction	
Pipeline Safety Representative(s): Valerie Schwing	
Company Representative to Receive Report: Michael Fuller	
Company Representative's Email Address: mfuller2@ameren.com	

CONSTRUCTION INFORMATION		
Location of Construction: 1501 Lincoln, East St. Louis, IL	Construction Performed By: Ameren	
Contractor Foreman:		
Operator Inspector:		
Person(s) On Job Site		
Bob Brewer (Foreman)	Brent Siebert	Steve Schulein
Tom Myatt	Nate Capps	Dan Howland
Jack Chandler		
Description of Construction: Staff observed Ameren employees performing excavation activities to retire 650 feet of 2 inch main and 448 feet of 2 inch plastic service. The Ameren crew was also relocating an existing service.		

SERVICE INSTALLATION		Status
[192.55]	Steel	No
[192.59]	PE	Yes
[192.59]	Other	No
[192.619,192.621,192.623]	MAOP	60 PSI
[192.5]	Class location :	Class 1
[192.53]	Are components qualified for use?	Satisfactory
[192.63(a)(2)]	Pipe Size :	2 inch

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[192.55,192.59]	Specification :	ASTM D 2513
[192.55,192.59]	Manufacturer :	DriscoPlex
[192.55,192.59]	Pipe Grade :	PE 2406-2708
[192.55,192.59]	Wall Thickness :	DR 11
[192.63]	Are pipe, valves, and fittings properly marked for identification?	Satisfactory
[192.227]	Welder qualification date:	Not Applicable
<u>General Comment:</u> <i>Staff did not witness any welding.</i>		
[192.227]	Welder's Name:	Not Applicable
<u>General Comment:</u> <i>Staff did not witness any welding.</i>		
[192.225,192.275,192.277,192.279,192.283]	Is pipe joined in accordance with approved written procedures?	Not Applicable
<u>General Comment:</u> <i>Staff did not witness any joining.</i>		
[192.285]	Date of Qualification :	Not Applicable
<u>General Comment:</u> <i>Staff did not witness any joining.</i>		
[192.285]	Joiner's name:	Not Applicable
<u>General Comment:</u> <i>Staff did not witness any joining</i>		
[192.455]	Is buried metallic pipe coated?	Satisfactory
<u>General Comment:</u> <i>The 2 inch steel main that was exposed did have the required coating.</i>		
[192.455(a)(1)]	Is cathodic protection being provided?	Satisfactory
<u>General Comment:</u> <i>Staff reviewed the specs on the job site which indicated there would be a 17 # anode for the steel pipe and a 5# anode for the tracer wire.</i>		
[192.455(a)(1)]	Is cathodic protection being provided? By Anodes:	Yes
[192.455(a)(1)]	Is cathodic protection being provided? By Rectifier:	No
[192.461]	Does coating meet 192.461?	Satisfactory
[192.461(c)]	Is coating inspected just prior to being installed in the ditch?	Satisfactory
[192.479]	Are above ground facilities cleaned and coated or jacketed as	Satisfactory

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	needed?	
[192.467]	Are pipelines electrically isolated from other underground metallic structures?	Satisfactory
[192.319]	Is ditch back-filled to provide firm support and prevent damage to pipe or coating?	Satisfactory
<u>General Comment:</u> <i>Staff witnessed plastic pipe being protected with rock shield and sand being used to backfill the trenches.</i>		
[192.321(c)]	Is plastic pipe installed as to minimize shear and tensile forces?	Satisfactory
<u>General Comment:</u> <i>Staff witnessed plastic pipe being protected with rock shield and sand being used to backfill the trenches.</i>		
[192.321]	Does plastic pipe have means of locating while underground?	Satisfactory
<u>General Comment:</u> <i>Staff viewed a tracer wire that was installed with the plastic pipe.</i>		
[192.325]	Are required clearances from underground structures being maintained?	Satisfactory
Is required cover being obtained for the service line?		Satisfactory
<u>General Comment:</u> <i>Staff witnessed 30 inches of cover for the service line.</i>		
[192.503]	Are general testing requirements being met?	Satisfactory
<u>General Comment:</u> <i>Staff reviewed testing documentation at the work site that took place on 2/21/14. The test pressure was 110 PSI that was held for one hour and thirty minutes. The pipe that was tested was 305 feet long.</i>		
[192.517]	Are records being made of strength and leak tests?	Satisfactory
<u>General Comment:</u> <i>Staff reviewed testing documentation at the work site that took place on 2/21/14. The test pressure was 110 PSI that was held for one hour and thirty minutes. The pipe that was tested was 305 feet long.</i>		
[192.807]	Were covered employees Operator Qualification records reviewed to ensure qualification?	Satisfactory
<u>General Comment:</u> <i>Staff reviewed Bob Brewer and Dan Howland qualifications.</i>		
[192.805(c)]	Were non-qualified personnel being "directed and observed" by a qualified individual?	Satisfactory
[192.805(c)]	Were span of control limitations being followed?	Satisfactory
Was a Protocol 9 (Form 15) Completed?		No
[192.614]	Were One Call Notifications performed as required?	Satisfactory

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<u>General Comment:</u> <i>Dig start : 02/18/14 10:06:00</i> <i>Expires : 03/12/14 23:59:00</i>		
[192.614]	Dig Ticket #	A0440434
[192.383(b)]	Is an EFV installed on any new or replaced service line serving a single-family residence?	Not Applicable
<u>General Comment:</u> <i>The service being installed was for a trucking company.</i>		

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